## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 16 June 2005 (16.06.2005)

PCT

## (10) International Publication Number WO 2005/054945 A1

(51) International Patent Classification7: 1/26, 1/22

G03C 1/08,

(21) International Application Number:

PCT/GB2004/004771

(22) International Filing Date:

12 November 2004 (12.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0328128.4

4 December 2003 (04.12.2003)

- (71) Applicant (for all designated States except US): EAST-MAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): GRZESKOWIAK, Nicholas, E. [GB/GB]; 41 The Elms, Hertford, Hertfordshire SG13 7UY (GB). GRAY, Colin, J. [GB/GB]; 58 Lorne Road, Wealdstone, Harrow, Middlesex HA3 7NJ (GB).
- (74) Agent: ELLIS, Michael, J.; Kodak Limited, Patent Department, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY (GB).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(57) Abstract: The use of a red-sensitising trinuclear merocyanine dye and an osmium dopant according to formula (I): [Os(NZ)L<sub>5</sub>]<sup>r</sup> wherein Z is sulphur or oxygen, L is a ligand and r is 0, -1, -2 or -3, in photographic silver halide emulsions for use in photographic materials, result in a reduction and/or prevention of speed gain in the emulsion over time without significant speed loss.